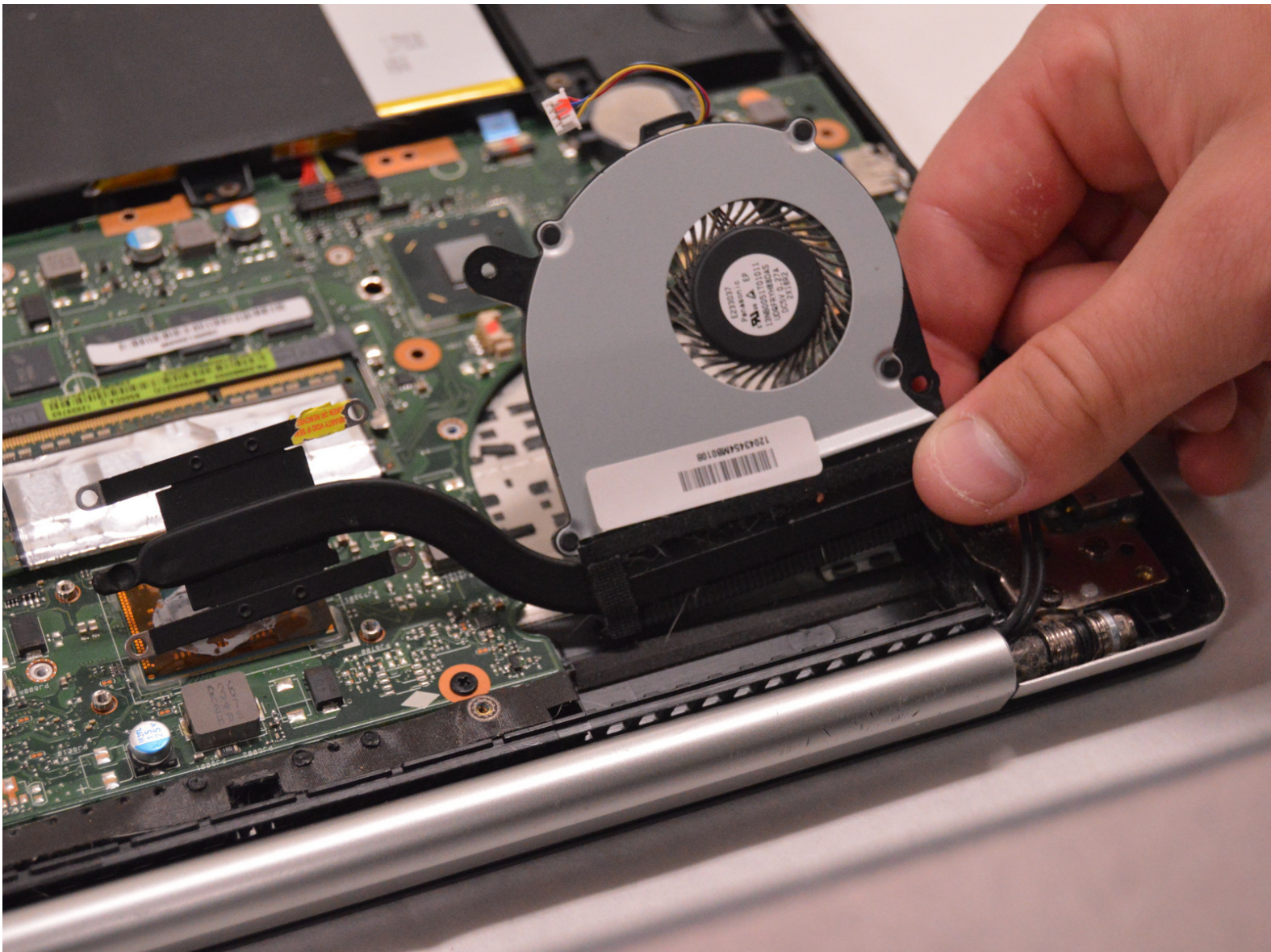




Asus Vivobook S500CA Fan Replacement

This Guide details how to replace the internal fan of the Asus Vivobook S500CA.

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INTRODUCTION

If your fan is either broken or not running correctly, use this guide to replace it. This repair can be completed by one person using a PH1 Philips Head Screwdriver. Keep in mind that the Asus Vivobook S500CA uses a specific model fan, which must be acquired before beginning this replacement.



TOOLS:

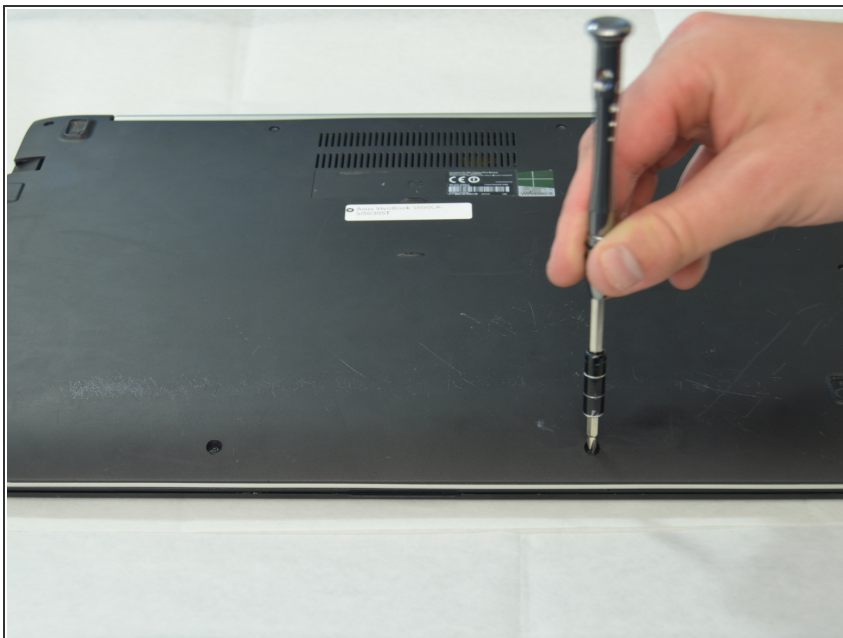
- [Philips Head Screwdriver: Size PH1](#) (1)
 - [Spudger](#) (1)
-

Step 1 — Cooling Fan



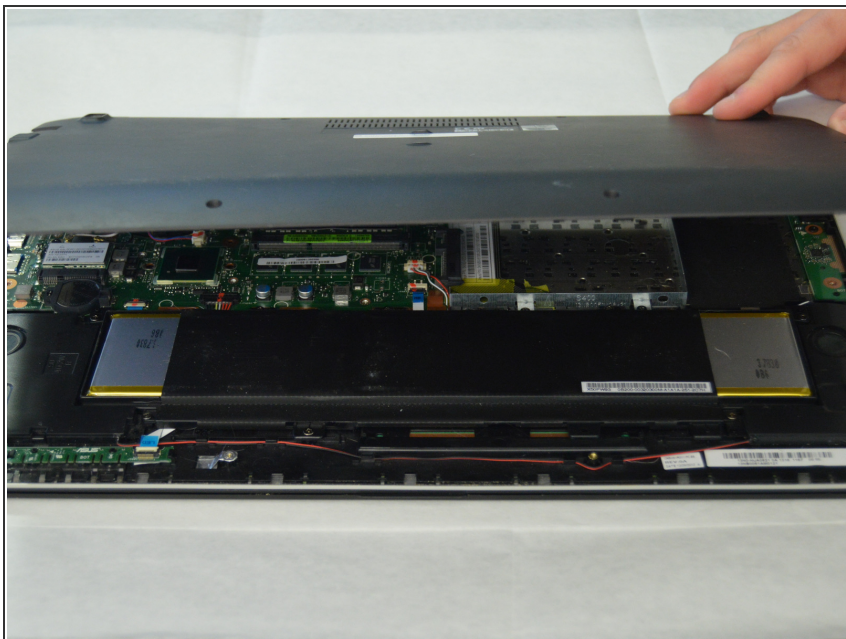
- Turn the device over so the back plate is facing up.

Step 2



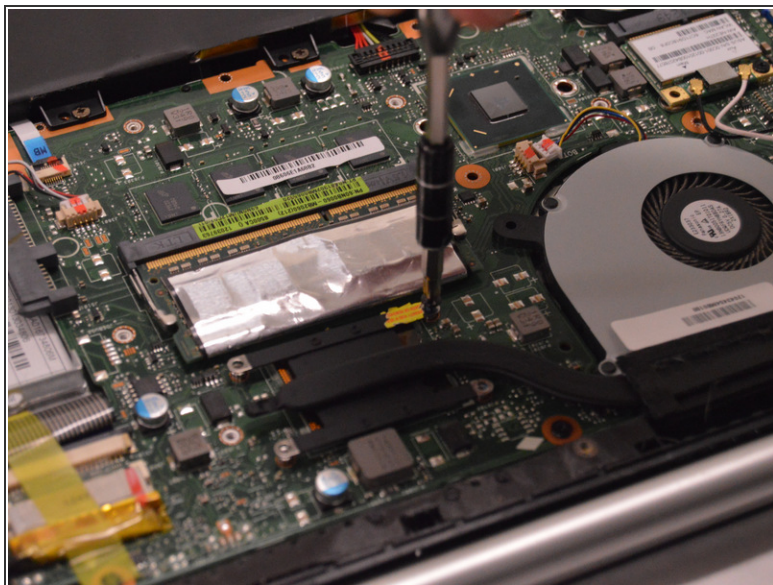
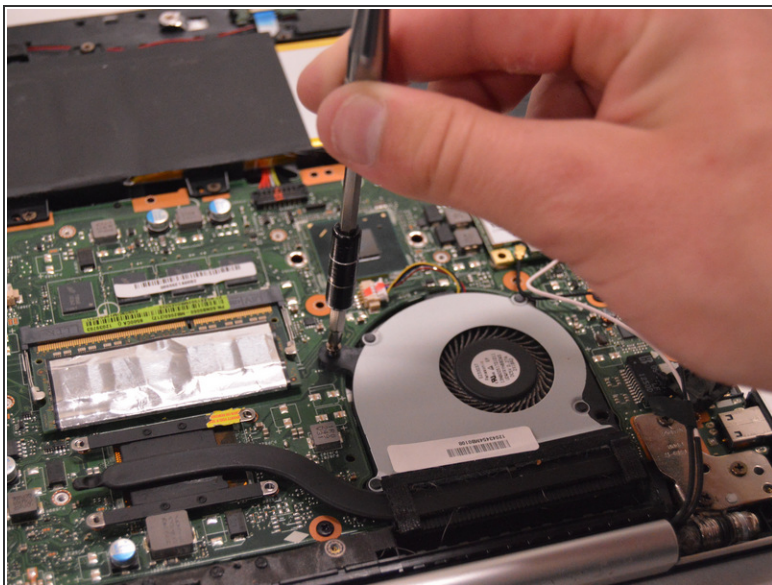
- Use a Phillips Head PH1 screwdriver to remove 10 screws around the perimeter of the back plate.
- ⓘ It may be helpful to lay out the screws in the orientation in which they are taken out, in order to help remember where they go.

Step 3



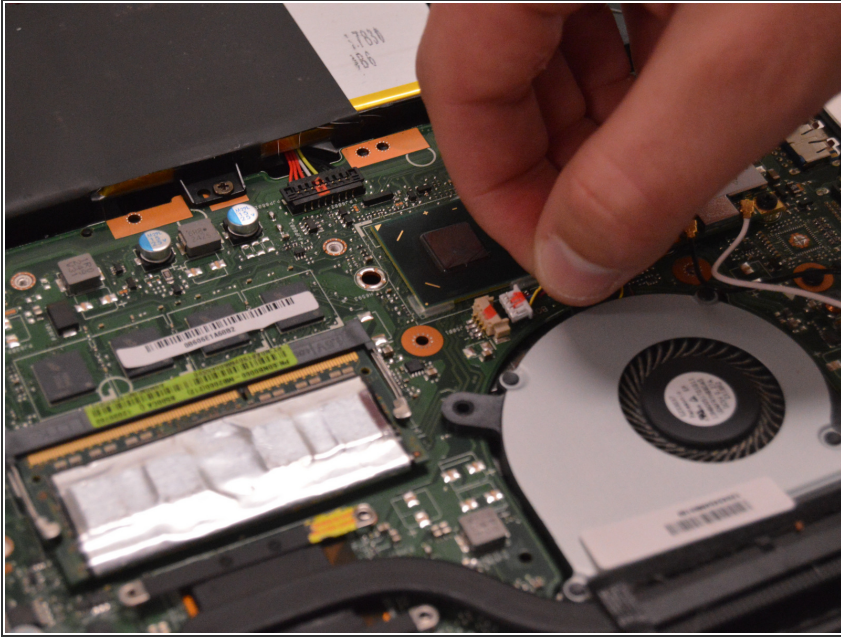
- Remove the back plate by lifting it straight up.

Step 4




- Remove 2 (.5 cm) Phillips Head screws found around the fan and 4 (.3 cm) Phillips Head screws found around the heat sink connector.

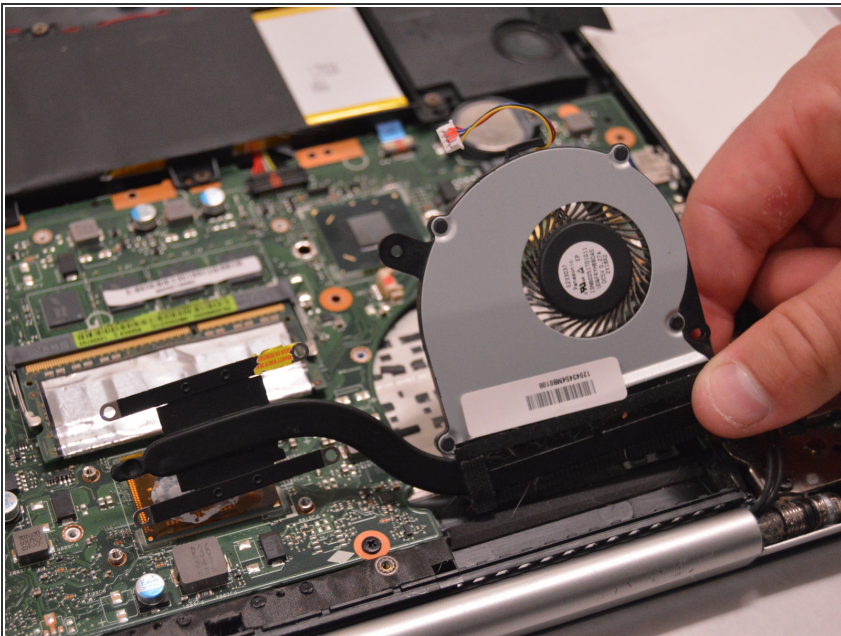
Step 5



- Unhook the electronic connection located above the fan by pulling the white connector straight out of the brown socket.

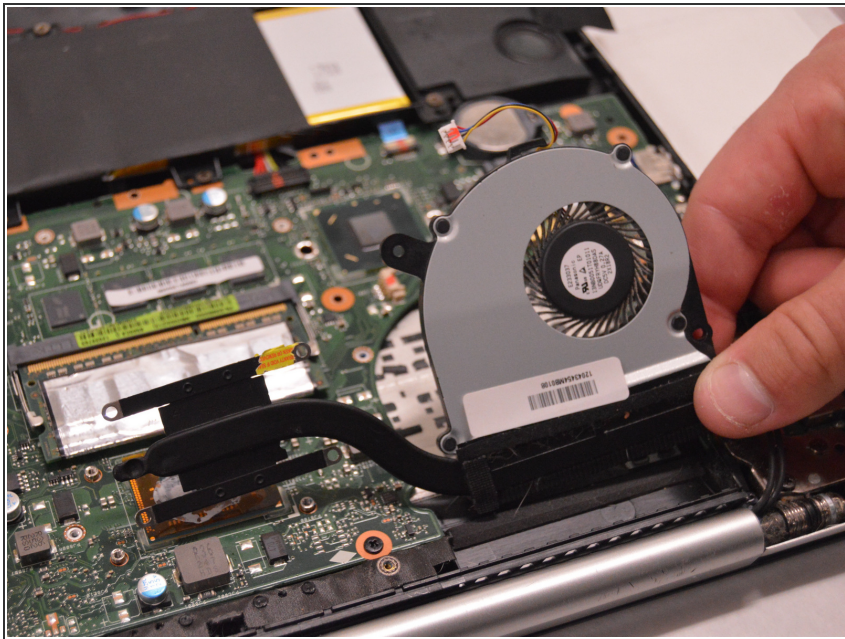
 This photo is for demonstration purposes only. Do not remove by pulling the wires. Instead, remove by pulling on the edges of the white socket.

Step 6



- Remove the fan and connected heat sink by lifting straight out of the assembly.

Step 7



- Replace fan and follow steps 1-5 in *reverse order* to complete repair.

To reassemble your device, follow these instructions in reverse order.

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